PROJECT REFERENCE NO.	SHEET NO.
R-4903	UC-8
DESIGNED BY: BCH	
DRAWN BY: BCH	
CHECKED BY: JLT	
APPROVED BY: MRB	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE:(919)707-6690 FAX:(919)250-4151	UTILITY CONSTRUCTION PLANS ONLY

NORTH CAROLINA PROFESSIONAL SEAL 30499 ENGINEER BOBBY C HOUSER

DocuSigned by: Chad Houser 11/5/2014

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

SEE SHEET UC-13 FOR WL-5 PROFILE
SEE SHEET UC-15 FOR SL-2 PROFILE

UTILITY OWNERS THIS PROJECT:

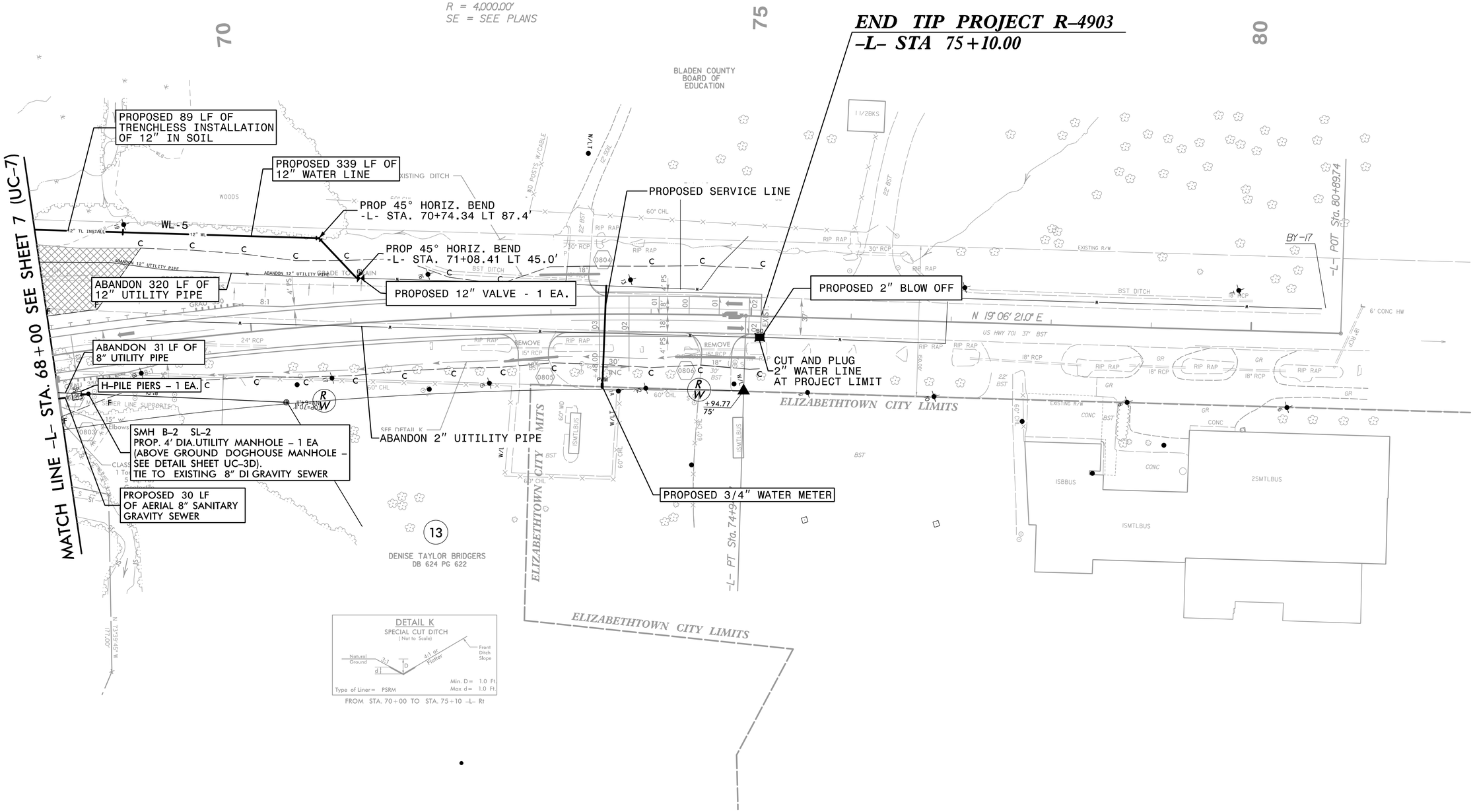
1) BLADEN COUNTY
UTILITY: WATER
CONTACT: RANDY GARNER
(910)862-6996

2) TOWN OF ELIZABETHTOWN
UTILITY: WATER AND SEWER
CONTACT: MIKE HAYES
(910)862-2035 EXT.226

-L-
PI Sta 70+56.07
△ = 12° 37' 08.6" (RT)
D = 1° 25' 56.6"
L = 880.98'
T = 442.28'
R = 4,000.00'
SE = SEE PLANS

NAD 83/2001

END TIP PROJECT R-4903
-L- STA 75+10.00



DETAIL K
SPECIAL CUT DITCH
(Not to Scale)
Natural Ground
3:1
4:1 or Flatter
Front Ditch Slope
d
D
Min. D = 1.0 Ft
Max d = 1.0 Ft.
Type of Liner = PSRM

FROM STA. 70+00 TO STA. 75+10 -L- Rt

5/14/99

11/5/2014
9:33:34 AM
cts\R-4903\Files\R4903_ut_(rdy sht8)_UC(utl const Sht8)_psh.dgn